Social and Economic Survey

Introduction

Thank you very much for taking the time to fill out this survey. Included in this package you will find:

- 1) A set of Social and Economic Survey Questions designed for Northeast fishermen.
- 2) A stamped and addressed envelope for returning the completed questionnaire.

This is a sample set of questions from a variety of surveys that researchers have used in the past in order to learn more about how management affects fishermen and their communities. Many of the questions that follow ask you how to get better information from fishermen and ask you for your ideas for better questions. Other questions ask your opinion on topics that are important to you. Your collaboration in this research is appreciated. All information you provide will be kept confidential. Any public release of results, for example, to fishermen, will be in only a very summarized form, making it impossible for you to be identified. The survey is divided into six sections:

- 1. Households and Communities
- 2. Expenditure Impacts of Fishing Industry in New England
- 3. Fishing Business Practices
- 4. Management and Enforcement
- 5. Capacity and the Future
- 6. Fishing Family Assistance

NOTE: This questionnaire should be completed only by a person identified by the owner of a vessel which participated in the first or second round of the Disaster Relief program.

If you would like to speak to someone about how to complete the survey call the following number at the Northeast Regional Office. (978) 281 9399.

If you have any questions for Italian language interpretation please call Angela Sanfilippo or Nina Groppo at the Gloucester Fishing Family Assistance Center - (978) 283-2504.

If you have any questions for Portuguese language interpretation please call Rodney Avila at the New Bedford Fishing Family Assistance Center - (508) 979-1791.

Please Print your Name:							
Please sign your name here:							
Your Address:							
Telephone Number:							
Name of Vessel whose owner	identifie	d you as	a crew 1	member	(Captain	or Mate,	etc.)
What is this Vessel's Multispec	cies Gro	undfish F	Permit Nu	ımber?			
[

Instructions

Please enter the Multispecies Groundfish Permit number of the vessel whose owner identified you as a crew member in the space provided at the bottom of each answer page.

Please return all of the answered pages which contain that permit number. Please use the stamped and addressed envelope - thank you!

1. Households and Communities

Section 1 asks questions about household and community topics. By looking for patterns across all fishermen, we can see how different communities or other groups may be affected by management decisions. *Please use check marks and fill in with more information if appropriate.* We appreciate your sharing your knowledge and experience.

This information about	eys ask fishermen to identify your race/ethnicity (e.g. Italian, Norwegian, Portugese, etc). on can be important, since crews and work patterns are often based on ethnicity. Would not your ethnicity be too personal to ask in an interview? N (please go to #2) b. Y (please go to #1b)
a	could such a question be improved? By providing an explanation like the one above By wording the question in a different way. Please give an example of a question you would feel comfortable with
	By omitting the question completely Other (please explain)
us know more from fishing. W	archers often ask fishermen questions about what school grade they finished. This helps about your background and let's us better understand the people who make their living yould asking for your education level be too personal in an interview setting? N (please go to # 3) b Y (please go to #2b)
a	could such a question be improved? By providing an explanation such as the one above By wording the question in a different way. Please give an example of a question you would feel comfortable with
	By deleting the question entirely Other (please explain)
3. How long ha	ave you been in commercial fishing (including party/charter)? years
•	ur career history in fishing been? (for example, began as deck hand for ten years, nate for last two) Please include your present position on the boat.
Please enter Ve	essel's Multispecies Groundfish Permit Number

5a. Wa	-				N b Y	
5b. Wa					a N b	
5c. (If					a fishing family? a c	
industr	y or fishing-	related wor	k. Please s	start with yours	oting whether they are in self in the first row. Plea ey are unemployed.	_
	Relation to you	Gender	Age	Involved in fishing work?	What type of fishing-related work?	Or other Occupation (or retiree, student unemployed, etc)
	SELF			Y or N		
				Y or N		
				Y or N		
				Y or N		
				Y or N		
				Y or N		
	these questi	ions adequa	tely captur	re your family'	industry? aN. b_s involvement and histon further	orical ties to fishing?
8a. Do	any memb a N	-			fishing-related organizand what do these group	
Please	enter Vesse	l's Multisp	ecies Grou	undfish Permit	Number	

8b. Have you participated in any fishing organizations' activities or meetings on a regular basis? a N
8c. Do you feel these groups represent fishermen's interests? a N If not, why not?
b Y If so, do they do it well?
8d. Do you feel these groups represent your interests as a crew member? a N If not, why not?
b Y If so, do they do it well?
9a. Surveys often ask about earnings in order to determine whether or not a management measure has the same impact on fishermen of different income levels. Would asking you for your income be too personal in an interview setting? a N (please go to # 10) b Y (please go to # 9b)
9b. If yes, how could such a question be improved? a By providing an explanation such as the one above b By wording the question in a different way. Please give an example of a question you would feel comfortable with
c By deleting the question entirely d Other (please explain)
10. Have the fishermen in your household ever worked outside the fishing industry? a N
11. What percent of your household's total annual income comes from all aspects of the fishing industry? %
12a. Would a question about the level of your household indebtedness (for example, as a percentage of your household income) be too personal to ask in an interview setting? a N (please go to # 13.) b Y (please go to #12b)
Please enter Vessel's Multispecies Groundfish Permit Number 5

12b. If yes, could such a question be improved by:
a Providing an explanation such as the one above
b Wording the question in a different way. Please give an example of a question you
would feel comfortable with
c Deleting the question entirely
d Other (please explain)
13. How long have you lived in the town you live in now? years
14a. Do you consider this town a fishing community? a N b Y
14b. Why or why not?
15a. Do you consider this town a community which is dependent on the fishing industry? a N
15b. Why or why not?
16. Would you have to move out of your town if fishing became more difficult because of more regulations? a N
18. Do you or any household members participate in community organizations? a N
19. We would like to know if the questions above gave you a chance to identify your community and describe its relation to the fishing industry. Are there other questions we should have asked?
Please enter Vessel's Multispecies Groundfish Permit Number

2. Expenditure Impacts of Fishing Industry in New England

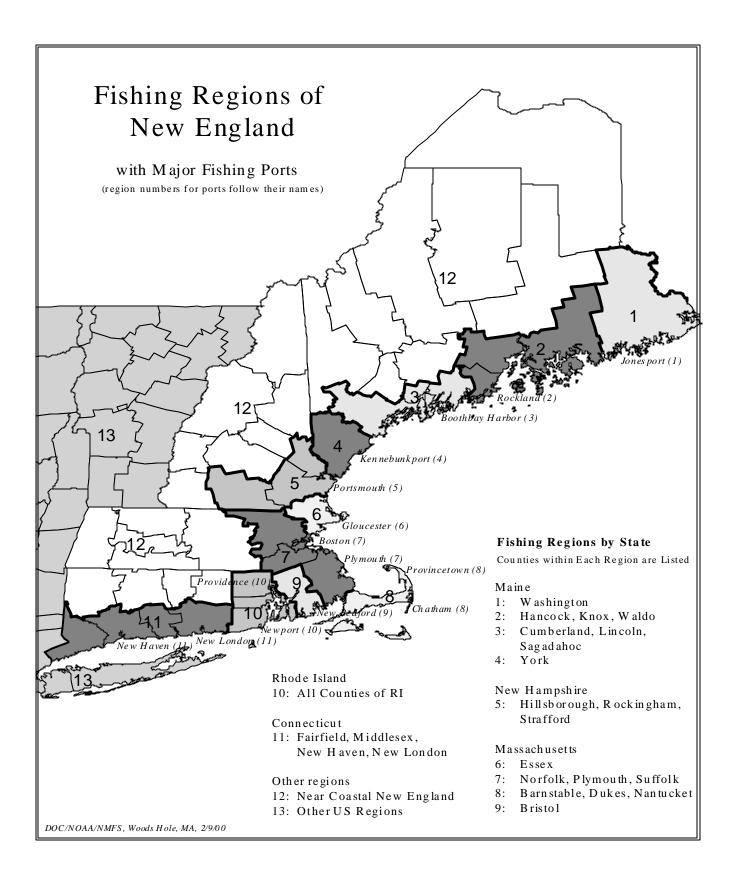
The fishing industry is not isolated from the rest of the New England economy. How fishermen and coastal communities are impacted by fishery regulation requires information about where captain and crew income is spent.

Information on what fishing businesses buy helps us understand what other types of shore-side businesses may be affected when fishing conditions change. Knowing where these businesses are located and where captain and crew live helps us understand how economic impacts are spread throughout the New England coastal region.

On the next page you will find a map of New England with several different coastal subregions identified along with towns and cities for reference. Each subregion has been identified with a number and a name. For example, subregion 2 has been called the "Upper Mid-Coast region of Maine." Altogether there are 11 coastal subregions for New England, one non-coastal region for the entire inshore part of New England (region 12), and one region for everything outside New England (region 13).

Following the map is a table for recording the home region of your vessel, where you live, and where you spent whatever you didn't save of your 1999 income. If you spent your money in several regions, try to give approximately what percent you spent in each. For example, if you operate out of Portland, Maine, then in 1999, 50% of whatever you spent of your income may have been spent within the Lower Mid-Coast region, 25% in Southern Maine, 15% in the Gloucester/North Shore region and 10% perhaps in Culebra, Puerto Rico (the percentages should sum to 100). **Please use a best guess.**

Please enter Ves	sel's M	lultispec	ies Grou	ındfish I	Permit N	lumber



			Ι	Ι	Ι	Ι							
Table 1	Downeast Maine	Upper Mid-Coast Maine	Lower Mid-Coast Maine	Southern Maine	New Hampshire Coast	Gloucester/North Shore	Boston/South Shore	Cape and Islands	New Bedford Area	Rhode Island	Connecticut Coast	Non-Coastal New England	Outside New England
Region Number	1	2	3	4	5	6	7	8	9	10	11	12	13
Check regions for next questions													
Example				Т									
1. Vessel Home Port													
2. Your Home													
Percent breakdown of spending													
Example			50	25		15							10
3. Of 1999 Income spent, it went here.													

			\mathcal{C}	•	_	2	spend your incor	
a	N	b	Y If y	yes, wha	it regulat	nons and	d what have you	changed?
DI TI	11 2			10" 1 7				
Please enter Ves	ssel's N	Iultispec	1es Grou	undfish I	Permit N	lumber	_	

3. Fishing Business Practices

Over the past five years fishery regulations have significantly impacted fishing practices. This section seeks to find out what adjustments fishermen have made. Some questions look at how these changes impact the family as well. *Please use check marks and fill in with more information if appropriate.*

house, etc.	
	d
	e f
C	1.
2. What percentage of the fishermen that you the required safety equipment in good operat	know well work on or own vessels which have all of ting order on board their vessels?%.
3. How many boats did you worked on in 19	999? boats
4a. Is this about the same number of boats you a Same b More than usual. Up by c Went down by	(please fill in)
4b. Are you considered a regular crew mem	ber of one boat? aN bY
5. Are you usually able to get on the boat that	at you want to crew on? aN b Y
6. How did you get your site on this boat? _	
•	ke to work for (e.g. one that catches a particular species owner, one with a good safety record etc.)?

10

ล	NI/IC 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
u	N (If not, what causes the crew to change?)
b	Y (If so, what accounts for the loyalty of crew to that particular boat?)
	nk crew members generally come from families with a history of fishing? N (If not, why?)
b	Y (If so, why?)
-	nk that crew members ought to come from families with a history of fishing? N (If not, why?)
<u> </u>	Y (If so, why?)
0	1 (ii 50, wily .)
. How often	n are you away from home on a fishing trip, and for how long at a time?
	ave any say in how long your boat stays out fishing?
. Do you ha a . Is this am b	ave any say in how long your boat stays out fishing?
. Do you ha a . Is this am b	ave any say in how long your boat stays out fishing? N b Y nount of time away from home different than it was five years ago? a N Y (If so, please indicate whether time away from home has increased or
Do you ha a Is this am b	ave any say in how long your boat stays out fishing? N b Y nount of time away from home different than it was five years ago? a N Y (If so, please indicate whether time away from home has increased or
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Do you ha a Is this am b	ave any say in how long your boat stays out fishing? N b Y nount of time away from home different than it was five years ago? a N Y (If so, please indicate whether time away from home has increased or

· · ·	he boat (for example, lay system, hourly wages, piece
2b. Has this changed at all from the way ow has it changed?	it was five years ago? a N b Y (If so,
3a. Do you want to own your own boat	in the future? aN
•	ble to own your own boat if you wanted to? aY
aN bY If yes,	g a boat in the future changed over the past 5 years? why?
	asked to get at how regulations have affected them?
=	mbers be asked to show the differences between being r?
	be licensed? aN bY. If yes, what g a license?
Please enter Vessel's Multispecies Ground	dfish Permit Number

4. Management & Enforcement

The following questions ask what you think, as a fisherman, about the fisheries management process, about the use of social, biological and economic information in that process, about the role of fishermen in the process, and about enforcement issues. We also want to know what information you feel is important for managers to understand about fishermen's roles in enforcement and fisheries management, and which management measures you view as effective. *Please use check marks and fill in with more information if appropriate*.

1. Do you feel you understand the Council/Committee management system?
a N b Y . If no, what isn't clear?
2. Do you feel your views get expressed or represented (if not adopted) in the Council and
Committee management process? a Y b N . If no, why don't they get represented?
3. How often do you express your views to the Council or a Committee of the Council in person or in
writing over a year?
a Never b Seldom c Frequently
4. Do you think you have a basic understanding about fish population dynamics?
a N b Y
5. What do you think fishermen want to know about fish population dynamics/biology that they don't
already know?
6. Do you feel you know the important laws (like the Magnuson Act) that guide the fisheries
management process? a N b Y
7 337 (1 4:16:1 (4:1 1 4:1 1 4:1 1 6:1 1 4)
7. What do you think fishermen want to know about the laws that apply to fisheries management?
Please enter Vessel's Multispecies Groundfish Permit Number
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8. Do you think you know how economic information is used in the management process? a N
9. What do you think fishermen want to know about how economic information is used?
10. Do you know how social/cultural information is used in the management process? a N
11. What questions do fishermen have about how social/cultural information is used?
12. Do you think fishermen generally want to comply with regulations? a N b Y
13. Do you think most fishermen know how to improve enforcement? a N b Y
14 What questions should be asked to fishermen to give them a chance to tell how to improve enforcement?
15. Do you feel there is adequate fisheries enforcement <u>at sea</u> in the areas where you fish? a N
16. Do you feel there is adequate fisheries enforcement <u>at the dock</u> where you land your catch? a N
17. What percentage of the enforcement in the groundfish fishery is carried out by fishermen themselves without the help or knowledge of enforcement officers? (Check the one that most applies)
a None b 1 - 25% c 26 - 50% d 51 - 75% e 76 - 100%
Please enter Vessel's Multispecies Groundfish Permit Number
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		-	•				sually or always
COMPLY with	n the ground	ish laws and	l regulations	? (Check t	he ONE cate	egory tha	t is <u>closest</u> to
	Zero % 25-49% 95 - 98%			c g	_5-9% 75 - 89%	d h	10-24% 90-94%
groundfish law a.	s and regulat Zero %	ions? (Chec	k the ONE 1-4%	category 1		st to your d.	10-24%
20. What perce you would like					nmittee or Ad	lvisors' m	eetings) that
21. Which of the reducing fishing a b c	g mortality?	Please Ra a (DAS) lim ong closed a	ank: Most its areas	effective = d e	= 1, Least e Mesh size re Trip Limits	effective	
b	adjust to? F Days At Se Large, long	Please Rank a (DAS) lim -time closed	x: Most dif its areas	d e	ljust to = 1, Mesh size re	Easiest :	
a b	act on net i Days At Se	ncome = 6. a (DAS) lim ong closed a	its nreas	d e	Mesh size re Trip Limits	gulations	net income =
24. If you could	d manage fish	neries, what	would you d	lo differentl	y and why?		
Please enter Ve	essel's Multi	species Gro	undfish Pern	nit Number]		

5. Capacity and the Future

These questions ask for your views on fishing capacity and its impact and ask for your ideas about the future of fishing. Please use check marks and fill in with more information. 1. Do you think the current permit system reduces flexibility for fishermen? a. ___ N b. ___ Y 2. Do you think the permit system could be changed to increase flexibility without increasing the pressure on stocks? a. ___ N b. ___ Y If Yes, how do you think it could be done? 3. Do you see advantages to more local control of fishing capacity and/or effort such as with lobster management by zones in Maine? a. N (go to #4) b. Y If yes, what are the advantages? 4. If no, why do you think there would be no advantage? 5. Can you think of any existing groups or organizations that could play that kind of role, or would new groups or organizations need to be started? a. ___ Existing group(go to #6) b. ___ Need new group (please go to #7) c. ___ Won't work anyway. 6. What group or kind of group? 7. If you answered (b) a new group, what would it look like? 8. Can you think of a way to "bank" capacity until stocks recover? a. N b. Y If yes, how? _____ 9. Do you think there is too much active capacity now for stocks to recover without more regulations? a. ___ N b. ___ Y 10. Do you think there will be too much active capacity for stocks to stay recovered when they do come back? a. ___ N b. ___ Y Please enter Vessel's Multispecies Groundfish Permit Number

TC	111	: 0			
a. Much less b. Less c.		_	ore	e. Much me	ore
. What would that job be?					
. Would you advise young people to go into the	fishing in	dustry? a	N	b Y	
. If yes, what job in the industry?					
5. What other questions do you think fishermen vermselves, their family's role in fishing, or the inc					future for
7. Please indicate if you agree or disagree with the gion in the future:	e following			als for fisher Disagree S	
a. Most economic benefits to the nation	Agree				Disagre
a. Most economic benefits to the nation					-
b. Harvest capacity matched to resourcesc. Unlimited entry in any fishery			- <u>-</u>		·
b. Harvest capacity matched to resourcesc. Unlimited entry in any fisheryd. New entrants limited to numbers exiting	<u> </u>		 	 	. <u> </u>
b. Harvest capacity matched to resourcesc. Unlimited entry in any fisheryd. New entrants limited to numbers exitinge. Secure places for existing fishermen with			 		·
 b. Harvest capacity matched to resources c. Unlimited entry in any fishery d. New entrants limited to numbers exiting e. Secure places for existing fishermen with opportunities not reduced by new entrant 					·
 b. Harvest capacity matched to resources c. Unlimited entry in any fishery d. New entrants limited to numbers exiting e. Secure places for existing fishermen with opportunities not reduced by new entrant f. Maximum benefits to the community 	nts				- - - -
 b. Harvest capacity matched to resources c. Unlimited entry in any fishery d. New entrants limited to numbers exiting e. Secure places for existing fishermen with opportunities not reduced by new entrant 	nts				
 b. Harvest capacity matched to resources c. Unlimited entry in any fishery d. New entrants limited to numbers exiting e. Secure places for existing fishermen with opportunities not reduced by new entrant f. Maximum benefits to the community g. Maximum possible number of fishermen 	nts				
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6. Fishing Family Assistance

These questions ask about your involvement and views on Fishing Family Assistance Programs in general and about other programs aimed at helping fishermen and their families. Your suggestions for making these programs as useful as possible is invited. *Please use check marks and fill in with more information if appropriate*.

a N b Y
2. If yes, how did you become aware?
3. Have you ever used any of these programs? a N b Y
4. If yes, what is your opinion of them?
5. If no, why haven't you used them?
6. What do you think are the best ways to inform fishermen about the kinds of job training programs available to them?
7. What type of training/services would you like to see offered through these centers to fishermen experiencing a decline in fishing activity/income?
8. What kind of employment/career would interest you if fishing couldn't support you and your family?
9. What services could Centers like this offer to fishermen who want to continue to fish?
Please enter Vessel's Multispecies Groundfish Permit Number

		use a C	enter tha	ıt provid	ed free I	nternet	access,	, free computer use for resumes, and
want ads, a.		1	b`	Y				
11. Are yo	_	_	stay in f	_				
12. How	many g	generatio	ons of yo	our famil	y have b	een inv	olved in	n the fishing industry?
13. Were			1994? b`	Y				
on gear c	onflict	new ge	_	echnolog	_			ound-table (discussion group, meeting)
15. If yes	s, what	topics	?					
	-		ested in b	-	g a caree	er orient	ation w	vorkshop?
17. Do yo a.			insurance					
								Check any that apply Setting up a new business Other
19. What about? _					0 1	_	•	think fishermen should be asked
_								
	•		•			•		time and effort! eets by using the d envelope.
Please en	ter Ves	ssel's N	/ultispec	ries Grou	ındfish P	Permit N	Jumber	
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